

Title (en)

CALIBRATING RADARS AND TRACKING SPACE OBJECTS

Title (de)

KALIBRIEREN VON RADARGERÄTEN UND VERFOLGEN VON WELTRAUMOBJEKTEN

Title (fr)

ÉTALONNAGE DE RADARS ET SUIVI D'OBJETS DANS L'ESPACE

Publication

EP 4042183 A1 20220817 (EN)

Application

EP 20800458 A 20201011

Priority

- US 201962914304 P 20191011
- US 2020055179 W 20201011

Abstract (en)

[origin: WO2021072347A1] Technologies for calibrating radars and tracking space objects. Some of such technologies enable a technique for calibrating a radar based on using -A- an elemental antenna (308), which can be embedded on a housing hosting a set of antenna elements, or -B- an antenna (146) mounted to a reflector. Some of such technologies enable a radar site containing a first 1 D phased array (112) and a second 1 D phased array (112), where the first 1 D phased array sends a set of signals and receives a set of reflections based on the set of signals, and the second 1 D phased array receives the set of reflections.

IPC 8 full level

G01S 7/40 (2006.01); **G01S 13/02** (2006.01); **G01S 13/72** (2006.01); **G01S 13/88** (2006.01); **H01Q 3/26** (2006.01); **H01Q 19/17** (2006.01)

CPC (source: EP KR US)

G01S 7/40 (2013.01 - US); **G01S 7/4017** (2013.01 - EP KR); **G01S 7/4026** (2013.01 - EP KR); **G01S 13/06** (2013.01 - US); **G01S 13/72** (2013.01 - US); **G01S 13/726** (2013.01 - EP KR); **G01S 13/88** (2013.01 - EP KR); **H01Q 3/267** (2013.01 - EP KR US); **H01Q 3/30** (2013.01 - US); **H01Q 19/175** (2013.01 - EP KR US); **G01S 2013/0245** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2021072348A1

Designated contracting state (EPC)

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BA ME

DOCDB simple family (publication)

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